Converting Colors

XYZ(6.3253, 9.8843, 1.5745)

Have a look what the booklet for XYZ(6.3253, 9.8843, 1.5745) contains.

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Color

XYZ(6.3253, 9.8843, 1.5745)

Conversions

Conversions Part 1

Format	Color
Hex	3C6300
RGB	60, 99, 0
RGB Percent	24%, 39%, 0%
CMY	0.7647, 0.6118, 1.0000
CMYK	0.39, 0.00, 1.00, 0.61
HSL	84°, 100%, 19%
HSV	84°, 100%, 39%
XYZ	6.3253, 9.8843, 1.5745
YIQ	76.0530, 8.5350, -39.0570

Conversions

Conversions Part 2

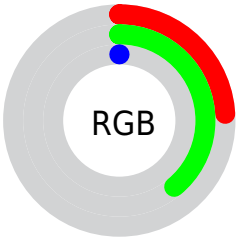
Format	Color
RYB	0, 99, 39
Decimal	3957504
CIELab	37.63, -28.56, 43.75
CIELCh	38, 52.244, 123.138
Yxy	9.8843, 0.3557, 0.5558
Android (android.graphics.Color)	4282147584 (0xFF3C6300)
YUV	76.0530, -37.4941, -14.0785
Hunter-Lab	31.4393, -19.1062, 19.0382

Details

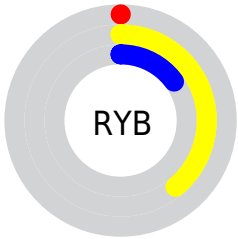
The XYZ color 6.3253, 9.8843, 1.5745 is a dark color, and the websafe version is hex 336600. A complement of this color would be 3.0893, 1.3325, 11.8993, and the grayscale version is 6.9451, 7.3068, 7.9571.

A 20% lighter version of the original color is 18.3270, 25.5528, 7.8372, and 1.2906, 2.4882, 0.4123 is the 20% darker color. If you saturate the color by 10%, you get 6.3254, 9.8847, 1.5745, and if you desaturate by 10%, it is 6.6242, 10.0324, 1.8718.

Distribution

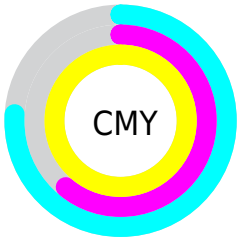


- Red (24%)
- Green (39%)
- Blue (0%)



- Red (0%)
- Yellow (39%)
- Blue (15%)

- Cyan (39%)
- Magenta (0%)
- Yellow (100%)
- Black (61%)



- Cyan (76%)
- Magenta (61%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.3253, 9.8843, 1.5745 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 6.3253, 9.8843, 1.5745 by changing the saturation by 10% instead.

6.3253, 9.8843, 1.5745

6.3253, 9.8843, 1.5745

156.6039, 189.8443, 115.3744

3.0864, 5.3223, 0.2725

18.3208, 25.5777, 7.8410

1.1996, 2.4376, 0.0000

27.8082, 37.4778, 13.7949

0.1061, 0.8451, 0.0000

40.1091, 52.5928, 22.1872

0.0000, 0.0000, 0.0000

55.5889, 71.3070, 33.4364

74.6129, 94.0049, 47.9613

97.5465, 121.0708,

66.1802

124.7551, 152.8891, 88.5117

6.3253, 9.8843, 1.5745

6.3254, 9.8847, 1.5745

6.3253, 9.8843, 1.5745

6.6242, 10.0324, 1.8718

6.9566, 10.1957, 2.2541

7.3429, 10.3826, 2.8257

7.7873, 10.5948, 3.6071

8.2935, 10.8340, 4.6162

8.8649, 11.1014, 5.8688

9.5046, 11.3984, 7.3795

10.2153, 11.7261, 9.1617

10.9998, 12.0856, 11.2279

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

9.0503, 9.8843, 0.8893

6.3253, 9.8843, 1.5745

4.7812, 9.8843, 4.4452

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

6.3253, 9.8843, 1.5745

6.8007, 9.8843, 36.6150

17.2975, 9.8843, 9.7942

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

6.3253, 9.8843, 1.5745

3.0893, 1.3325, 11.8993

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

16.2993, 9.8843, 21.2873

6.3253, 9.8843, 1.5745

9.7478, 9.8843, 41.1831

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

6.3253, 9.8843, 1.5745

5.0070, 9.8843, 24.1310

13.3245, 9.8843, 34.4020

15.8010, 9.8843, 3.5532

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

6.3253, 9.8843, 1.5745

4.3838, 9.8843, 8.7268

13.3245, 9.8843, 34.4020

17.2434, 9.8843, 13.0920

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

6.3255, 9.8847, 1.5747

16.2048, 19.5067, 12.4174

5.8375, 4.0361, 0.4715

3.7757, 4.6014, 2.7687

49.6657, 52.2522, 56.9026

4.8358, 5.0876, 5.5404

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

6.3255, 9.8847, 1.5747

10.7363, 16.8972, 2.6956

4.6075, 8.9991, 1.4943

2.6739, 2.9233, 2.7674

8.1999, 12.8613, 2.0503

42.7954, 68.1874, 10.9059

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

3.0893, 1.3325, 11.8993

5.1903, 2.2294, 20.4067

6.2252, 2.9491, 12.0460

2.5338, 2.5588, 3.2056

3.9833, 1.7143, 15.5086

20.3446, 8.6763, 82.8070

Previews

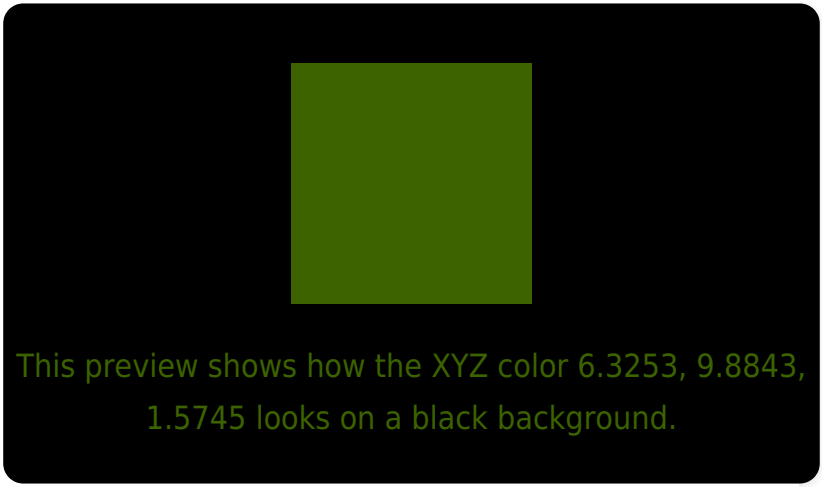
White Background

This preview shows how the XYZ color 6.3253, 9.8843, 1.5745 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

Black Background

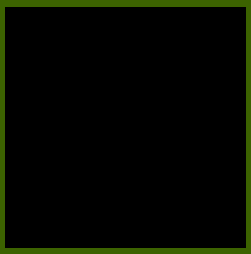


Color Contrast Check

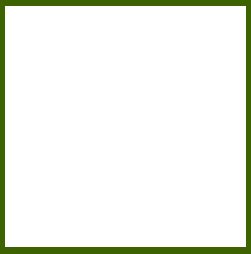
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 6.3253, 9.8843, 1.5745 Background



This preview shows how black text looks on a background with the XYZ color 6.3253, 9.8843, 1.5745.

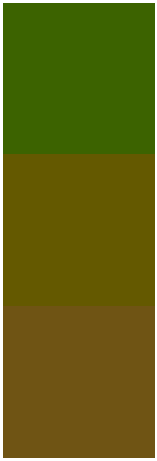


This preview shows how white text looks on a background with the XYZ color 6.3253, 9.8843, 1.5745.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy



Original Color
6.3253, 9.8843, 1.5745

Protanopia
8.8279, 9.8541, 1.4367

Deuteranopia
9.8521, 9.7707, 2.0285

Tritanopia
8.6778, 9.8947, 13.2569

Trichromacy

Original Color
6.3253, 9.8843, 1.5745

Protanomaly
7.6607, 9.7600, 1.4801

Deuteranomaly
8.0587, 9.4491, 1.7799

Tritanomaly
7.3042, 9.7366, 6.1970

Monochromacy

Original Color
6.3253, 9.8843, 1.5745

Achromatopsia
6.8694, 7.2272, 7.8704

Achromatomaly
6.2296, 7.8561, 3.9844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.3253, 9.8843, 1.5745 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(60, 99, 0) looks like.

```
.text, #text, p{
    color:rgb(60, 99, 0)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(60, 99, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 99, 0) }
```

Border

The CSS property to change the border of an element to XYZ 6.3253, 9.8843, 1.5745 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(60, 99, 0) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(60, 99, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(60, 99, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(60, 99, 0); -webkit-box-shadow:4px 4px 4px 4px rgb(60, 99, 0); box-shadow:4px 4px 4px 4px rgb(60, 99, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 6.3253, 9.8843, 1.5745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(60, 99, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(60, 99,
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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